



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Group Art Unit: 2652

MARK HENNECKEN
RICHARD A. GILL
KEITH BOYER

Examiner:

Serial No.: 10/729,646

Filed: December 5, 2003

For: DYNAMICALLY ALLOCATED PARALLEL
EQUALIZATION AND DETECTION OF A PRML
READ CHANNEL IN A MULTI-CHANNEL DRIVE

Attorney Docket No.: 2003-041-TAP (STK 03041 PUS)

**REQUEST TO CORRECT INVENTORSHIP
UNDER 37 C.F.R. § 1.48(a)**

Commissioner for Patents
U.S. Patent & Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Please correct the inventorship to name Keith Boyer as a third inventor.

Attached are the following:

1. Statement by added inventor, Keith Boyer;
2. Declaration (new);
3. Statement under 37 C.F.R. § 3.73(b);
4. Written consent of Assignee;
5. Copy of Assignment by Keith Boyer; and

CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8

I hereby certify that this paper, including all enclosures referred to herein, is being deposited with the United States Postal Service as first-class mail, postage pre-paid, in an envelope addressed to: Commissioner for Patents, U.S. Patent & Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450 on:

July 14, 2004
Date of Deposit

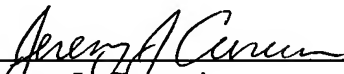
Jeremy J. Curcuri
Name of Person Signing


Signature

6. \$130 check (fee under 37 C.F.R. § 1.17(i)).

Respectfully submitted,

MARK HENNECKEN et al.

By: 
Jeremy J. Curcuri
Reg. No. 42,454.
Attorney for Applicants

Date: July 14, 2004

BROOKS KUSHMAN P.C.
1000 Town Center, 22nd Floor
Southfield, MI 48075-1238
Phone: 248-358-4400
Fax: 248-358-3351

Attachments



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

MARK HENNECKEN
RICHARD A. GILL
KEITH BOYER

Group Art Unit: 2652

Examiner: Unknown

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Attorney Docket No.: STK 03041 PUS

STATEMENT UNDER 37 C.F.R. § 1.48(a)(2)

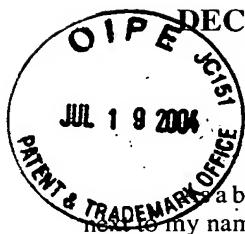
Commissioner for Patents
U.S. Patent & Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

The error in inventorship occurred without deceptive intent on my part.

Date: 5/11, 2004


KEITH BOYER



DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY

Atty. Docket No. STK 03041 PUS
First Named Inventor Mark Hennecken, et al.

I, a below named inventor, I hereby declare that my residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

DYNAMICALLY ALLOCATED PARALLEL EQUALIZATION AND DETECTION OF A PRML READ CHANNEL IN A MULTI-CHANNEL DRIVE ,

the specification of which:

- ☐ is attached hereto; or
☒ was filed on December 5, 2003, as U.S. Application Number or PCT International Application Number 10/729,646, and was amended on (MM/DD/YYYY) _____ (if applicable). (I hereby authorize my attorney to insert the application filing date and number when they become known.)

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below, and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed.

<i>Prior Foreign Application Number(s)</i>	<i>Country</i>	<i>Foreign Priority Date (MM/DD/YYYY)</i>	<i>Priority Not Claimed</i>	<i>Certified Copy Attached? (Yes/No)</i>

I hereby claim the benefit under Title 35, United States Code, § 119(e) of any United States provisional application(s) listed below.

<i>Application Number(s)</i>	<i>Filing Date (MM/DD/YYYY)</i>

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code § 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, § 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application.

<i>Application Number(s)</i>	<i>Filing Date (MM/DD/YYYY)</i>	<i>Status: Patented, Pending, Abandoned</i>

Declaration for Patent Application (cont'd.) Atty. Docket No. STK 03041 PUS


I hereby appoint the following registered practitioners to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Ernie L. Brooks, Reg. No. 26,260; James A. Kushman, Reg. No. 25,634; David R. Syrowik, Reg. No. 27,956; Mark A. Cantor, Reg. No. 30,614; Ralph M. Burton, Reg. No. 17,748; Robert C.J. Tuttle, Reg. No. 27,962; Earl J. LaFontaine, Reg. No. 30,766; Ronald M. Nabozny, Reg. No. 28,648; Thomas A. Lewry, Reg. No. 30,770; John E. Nemazi, Reg. No. 30,876; Kevin J. Heintz, Reg. No. 29,805; William G. Abbatt, Reg. No. 31,936; Donald J. Harrington, Reg. No. 17,427; Robert C. Brandenburg, Reg. No. 29,048; A. Frank Duke, Reg. No. 20,937; John M. Halan, Reg. No. 35,534; Jeffrey M. Szuma, Reg. No. 35,700; James R. Ignatowski, Reg. No. 26,741; Frank A. Angileri, Reg. No. 36,733; William G. Conger, Reg. No. 31,209; Sangeeta G. Shah, Reg. No. 38,614; Robert C. Jones, Reg. No. 35,209; James N. Kallis, Reg. No. 41,102; Michael S. Brodbine, Reg. No. 38,392; Jeremy J. Curcuri, Reg. No. 42,454; Mark D. Chuey, Reg. No. 42,415; Stephanie M. Mansfield, Reg. No. 43,773; Mark E. Stuenkel, Reg. No. 44,364; Matthew R. Mowers, Reg. No. 44,956; Timothy R. Schulte, Reg. No. 29,013; Seth E. Rodack, Reg. No. 45,622; Matthew M. Jakubowski, Reg. No. 44,801; Marc Lorelli, Reg. No. 43,759; John S. Le Roy, Reg. No. 48,158; Thomas W. Cunningham, Reg. No. 48,722; Marc F. Malooley, Reg. No. 50,624; James W. Proscia, Reg. No. 47,010; John R. Buser, Reg. No. 51,517; Michael D. Turner, Reg. No. 52,306; Thomas W. Saur, Reg. No. 45,075; Matthew M. Mietzel, Reg. No. 46,929; Ann Marie Stinnett, Reg. No. 53,641; Michael D. Cushion, Reg. No. 55,094.

Address all correspondence and telephone calls to Timothy R. Schulte
at Storage Technology Corporation, One StorageTek Drive, MS-4309, Louisville, Colorado 80028-4309, (303) 673-5989.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of Sole or First Inventor Mark Hennecken

Inventor's signature 

Date

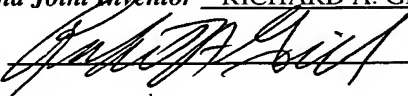
5-24-04

Mailing address 15379 Periwinkle Ct., Parker, CO 80134

Residence (same as above)

Citizenship United States of America

Full Name of Second Joint Inventor RICHARD A. GILL

Inventor's signature 

Date

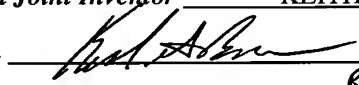
6-10-04

Mailing address 12538 W. 84th Drive, Aruada, CO 80005

Residence (same as above)

Citizenship United States of America

Full Name of Third Joint Inventor KEITH BOYER

Inventor's signature 

Date

5/11/2004

Mailing address 14030 Westhampton Point, Bloomfield, CO 80020

Residence (same as above)

Citizenship United States of America



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

MARK HENNECKEN
RICHARD A. GILL
KEITH BOYER

Group Art Unit: 2652

Serial No.: 10/729,646

Examiner: Unknown

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For: DYNAMICALLY ALLOCATED PARALLEL
EQUALIZATION AND DETECTION OF A PRML
READ CHANNEL IN A MULTI-CHANNEL DRIVE

Attorney Docket No.: STK 03041 PUS

STATEMENT UNDER 37 C.F.R. § 3.73(b)
ESTABLISHING RIGHT OF ASSIGNEE TO TAKE ACTIONCommissioner for Patents
U.S. Patent & Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Storage Technology Corporation, a Delaware corporation having its principal offices at One Storage Tek Drive, MS-4309, Louisville, Colorado 80028-4309, is the assignee of the entire right, title and interest in the above-identified application, U.S. Patent Application Serial No. 10/729,646, by virtue of assignment from the inventors. A copy of the assignment by Mark Hennecken and Richard A. Gill is enclosed herewith. The assignment by added inventor Keith Boyer was filed with the United States Patent and Trademark Office for recording concurrently with the filing of this paper. A copy of the assignment by Keith Boyer is enclosed herewith.

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

STORAGE TECHNOLOGY CORPORATIONJuly 2, 2004
Dated: ~~May~~ July, 2004

Printed Name: Timothy R. Schulte

Title: Assistant General Counsel

Attorney Docket No. 2003-041-TAP

ASSIGNMENT

For good and valuable consideration, receipt of which is hereby acknowledged, we, Mark Hennecken residing at 15379 Periwinkle Ct., Parker, CO 80134, and Richard A. Gill residing at 12538 W. 84th Dr., Aruada, CO 80005, respectively, do hereby assign, sell and set over to Storage Technology Corporation, a corporation organized and existing under the laws of the State of Delaware, and having a place of business at One StorageTek Drive, MS-4309, Louisville, Colorado 80028-4309, U.S.A., hereinafter referred to as the ASSIGNEE, its successors, assigns or other legal representatives, the entire right, title and interest, domestic and foreign, in and to the inventions and discoveries in

**DYNAMICALLY ALLOCATED PARALLEL EQUALIZATION
AND DETECTION OF A PRML READ CHANNEL
IN A MULTI-CHANNEL DRIVE**

set forth in the application for United States Letters Patent executed by us on the 26 day of November, 2003, and on the 3 day of December, 2003, respectively; or

for which an application for a United States Patent was filed on _____, Application No. _____ (we hereby authorize our attorney to insert the application filing date and number when they become known),

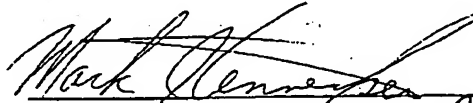
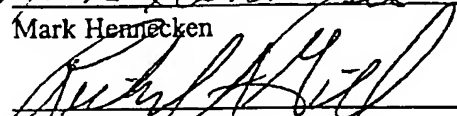
including the right of said ASSIGNEE, its successors, assigns or other legal representatives to make applications and to receive Letters Patent for said inventions and discoveries in any and all foreign countries in its or their own name or names, or in our names, at its or their election, and we hereby assign, sell and set over to said ASSIGNEE, its successors, assigns or other legal representatives, all rights of priority, including any provisional applications, in and to said inventions and discoveries in all countries, including all applications claiming benefit of the filing date hereof, continuations, continuations-in-part, divisionals, reexaminations and reissue applications.

And we hereby agree for ourselves, our heirs, successors, assigns or other legal representatives to execute any and all papers, including applications for Letters Patent of any and all kinds and in any and all countries and to perform any and all acts which said ASSIGNEE, its successors, assigns or other legal representatives may deem necessary to secure thereto the rights herein assigned, sold and set over.

And we hereby represent and warrant that we have not granted any rights inconsistent with the rights granted herein.

11-26-03
DATE

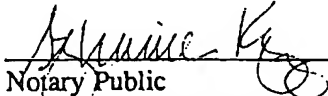
3-DEC-03
DATE


Mark Hennecken

Richard A. Gill

Attorney Docket No. 2003-041-TAP

STATE OF COLORADO)
) ss.
COUNTY OF BOULDER)

On this 26 day of November, 2003, personally appeared before me Mark Hennecken, to me known to be the person named in and who executed the above instrument, and acknowledged that he executed the same for the uses and purposes therein mentioned.

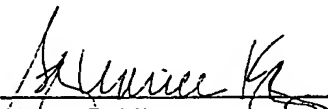


Notary Public
My Commission expires: 9/10/2004

(SEAL)

STATE OF COLORADO)
) ss.
COUNTY OF BOULDER)

On this 3 day of December, 2003 personally appeared before me Richard A. Gill, to me known to be the person named in and who executed the above instrument, and acknowledged that he executed the same for the uses and purposes therein mentioned.



Notary Public
My Commission expires: 9/10/2004

(SEAL)

ASSIGNMENT

For good and valuable consideration, receipt of which is hereby acknowledged, I, KEITH BOYER residing at 14030 Westhampton Point, Broomfield, Colorado 80020, do hereby assign, sell and set over to STORAGE TECHNOLOGY CORPORATION, a corporation organized and existing under the laws of the State of Delaware, and having a place of business at One StorageTek Drive, MS-4309, Louisville, Colorado 80028-4309, U.S.A., hereinafter referred to as the ASSIGNEE, its successors, assigns or other legal representatives, the entire right, title and interest, domestic and foreign, in and to the inventions and discoveries in


DYNAMICALLY ALLOCATED PARALLEL EQUALIZATION AND DETECTION OF A PRML READ CHANNEL IN A MULTI-CHANNEL DRIVE

for which an application for a United States Patent was filed on December 5, 2003 as Application Serial No. 10/729,646, including the right of said ASSIGNEE, its successors, assigns or other legal representatives to make applications and to receive Letters Patent for said inventions and discoveries in any and all foreign countries in its or their own name or names, or in my name, at its or their election, and I hereby assign, sell and set over to said ASSIGNEE, its successors, assigns or other legal representatives, all rights of priority, including any provisional applications, in and to said inventions and discoveries in all countries, including all applications claiming benefit of the filing date hereof, continuations, continuations-in-part, divisionals, reexaminations and reissue applications.

And I hereby agree for myself, my heirs, successors, assigns or other legal representatives to execute any and all papers, including applications for Letters Patent of any and all kinds and in any and all countries and to perform any and all acts which said ASSIGNEE, its successors, assigns or other legal representatives may deem necessary to secure thereto the rights herein assigned, sold and set over.

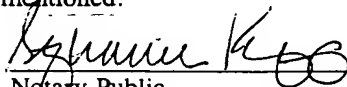
And I hereby represent and warrant that I have not granted any rights inconsistent with the rights granted herein.

Date: 5/11, 2004


KEITH BOYER

STATE OF COLORADO)
) ss.
COUNTY OF BOULDER)

On this 11 day of May, 2004, personally appeared before me KEITH BOYER, to me known to be the person named in and who executed the above instrument, and acknowledged that he executed the same for the uses and purposes therein mentioned.


Notary Public
My Commission expires: 9/10/2004

(SEAL)



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Group Art Unit: 2652

MARK HENNECKEN
RICHARD A. GILL
KEITH BOYER

Examiner: Unknown

Serial No.: 10/729,646

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For: DYNAMICALLY ALLOCATED PARALLEL
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Attorney Docket No.: STK 03041 PUS

WRITTEN CONSENT OF ASSIGNEE

Commissioner for Patents
U.S. Patent & Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Storage Technology Corporation consents to the correction of inventorship under 37 C.F.R. § 1.48(a) to Mark Hennecken, Richard A. Gill and Keith Boyer as joint inventors.

The undersigned, Timothy R. Schulte, is authorized to act on behalf of the assignee, Storage Technology Corporation.

Storage Technology Corporation

Dated: June 11, 2004

Printed Name: Timothy R. Schulte

Title: Assistant General Counsel